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Search=65043-012LF* >
65043-012LF

65043-012LF

Assistant

65043-012LF - Mini-PV™,Basics+

2.54 x 2.54 mm (0.1 x 0.1 in.)
Centerline Crimp-to-Wire PV
Receptacle Housing, Double Row

ACTIVE

Customer Drawing

RoHS compatible

Electronics division

Email Datasheet
Print Datasheet

FCI Brings You More

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Sample request

Price request

Check distributor stock

Mating Half

67996-150HLFUnshrouded header,
Through Hole, Double row, 50
Positions, 2.54 mm Pitch, Vertical, 5.84
mm (0.23 in.) Mating, 2.41 mm (0.095
in.) Tail

68020-150HLFUnshrouded header,
Through Hole, Double row, 50
Positions, 2.54 mm Pitch, Right Angle,
5.84 mm (0.23 in.) Mating, 2.41 mm
(0.095 in.) Tail

Download document

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Application Tooling

> 3D IGES

> Basics+ Brochure

> Asia Pacific Application Tooling

> RoHS qualification documents

> Connectors for Medical Devices Brochure

> Americas Application Tooling

> Application Specification

> Connector Overview Brochure

> Europe Application Tooling

> 3D STEP

> Basics+ Product Focus

> Product Specification

> PV® Connector system

> 3D PROE

> Contacts & Latch Housings Product Focus

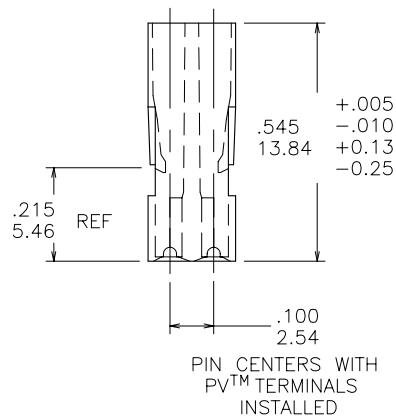
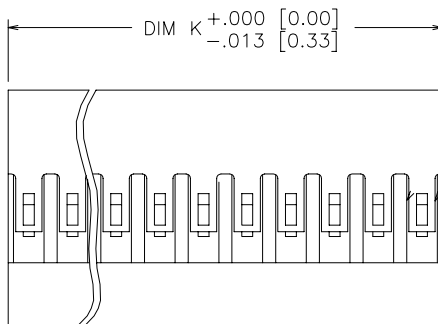
> Application Specification

Specifications

General	Dimensional	Electrical	Physical	Approvals / Certifications	Other Features
General					
Number of contacts				50	
Number of rows				2	
Orientation				Vertical	
Product Type				Crimp-to-Wire Housing	
Polarization (Key)				No	
Mating half				Mates with 0.64 mm (0.025 in.) Square Pin with Length of 5.33 mm (0.21 in.) min. to 6.1 mm (0.24 in.) max.	
Dimensional					
Length (Mating pin)				5.33 mm (0.21 in.) to 6.1 mm (0.24 in)	
Size (Wire)				22 to 36 AWG	
Electrical					
Resistance (Insulation)				100000 M ohms	
Voltage rating				1000V rms	
Physical					
Color (Housing)				Black	
Material (Housing)				PPE+PS	
Temperature (Range)				-40°C to +105°C	
Approvals / Certifications					
Approvals / Certifications				UL and CSA Approved	
Other Features					
Accessory				Polarization Plug 65307-001LF	
Packaging (Type)				Bag	
Comments				PV™ Contact Removal Tool: Part Number HT-0080	

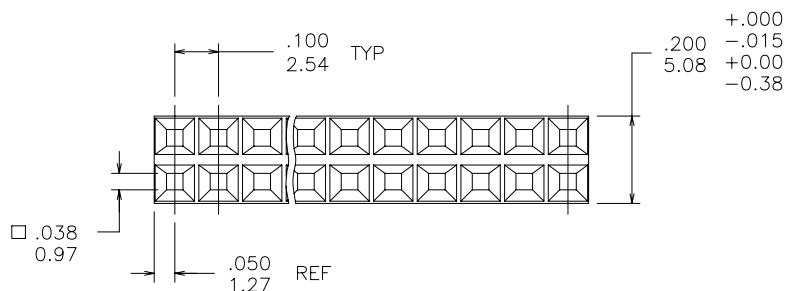
PRODUCT NUMBER

SEE TABLE



NOTES

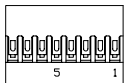
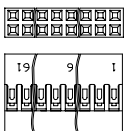
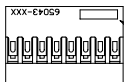
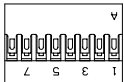
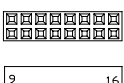
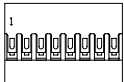
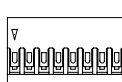
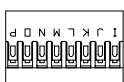
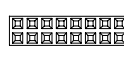
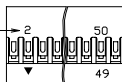
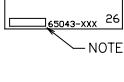
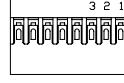
- ①. MOLDING MAT'L: MODIFIED POLYPHENYLENE ETHER. COLOR: BLACK, MEETING UL 94V-0.
2. PIN LENGTH TO BE .210/5.33 MIN. RECOMMENDED PIN LENGTH IS .225±.015/5.72±0.38.
3. FOR TERMINAL APPLICATION SEE TA-531.
4. TERMINALS MUST BE CRIMPED PROPERLY FOR SATISFACTORY LATCHING. SEE TA-75 FOR CRIMPING INSTRUCTIONS. PRODUCT SPECIFICATION: BUS-12-067
5. THIS HOUSING IS INTENDED FOR USE WITH MINI PV™ TERMINAL WITH 22-36 GAUGE WIRE.
- ⑥. ALL MARKINGS EXCEPT LOGO USE 6 POINT TYPE (APPROX .06/1.52 HIGH) AND WHITE INK (MARKEM #8829 OR EQUIV.) WHEN MARKING CAVITIES. NUMERALS OR LETTERS ARE TO BE CENTERED ON RESPECTIVE CAVITIES, UNLESS OTHERWISE NOTED.
- ⑦. LOGO TO BE POSITIONED IN THIS AREA SO THAT IT IS READ FROM THE SAME EDGE OF THE CONNECTOR AS THE OTHER MARKINGS.
- ⑧. ALL MARKINGS FOR MILITARY PART NUMBERS ARE TO BE PER MIL-STD-1285 SEE TABULATION.
- ⑨. PLACE DESC P/N AND CAGE NO. ON PACKAGING LABEL. PRODUCT LENGTH IS TOO SMALL TO MARK PRINT.
10. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
11. THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO MANUFACTURING SOLDER PROCESS.
- ⑫. EUROPEAN CUSTOMERS SHOULD ORDER PART NUMBERS WITH AN 'E' SUFFIX AS SHOWN IN TABLE TO CONTINUE TO BE SUPPLIED BY THE EUROPEAN PLANT. SEE DRAWING 65043EUR.



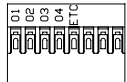
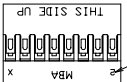
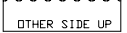
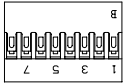
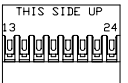
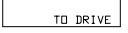
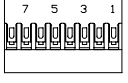
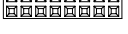
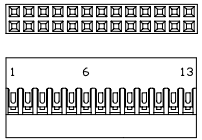
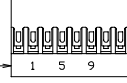
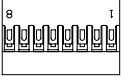
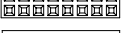
mat'l. code SEE NOTE 1				surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection INCH/MM		product family PV HOUSINGS			
ltr	ecr no	dr	date	tolerances unless otherwise specified		angles		scale 2.5:1		title MINI LATCH HOUSING DOUBLE ROW .100 [2.54] CC			
BF	V07-0483	HTB	2007-07-24	XX*01/X*3		XXX*005/XX*13				dwg no			
BG	V08-0022	HTB	2008-01-15	0'±2'		XXXX*0020/XXX*051				sheet 1 of 11			
BB	V05-0712	DAI	2005-07-27	dr	M. CLOUSER	1990-01-31				size			
BC	V06-0407	HTB	2006-04-27	enr	C. TREXLER	1990-01-31				65043			
BD	V06-0549	HTB	2006-06-12	chr	C. TREXLER	1990-01-31				A4			
BE	V06-0886	HTB	2006-08-31	appd	C. TREXLER	1990-01-31				type Product Customer Drawing			
sheet index	revision sheet	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG	BG
		1	2	3	4	5	6	7	8	9	10	11	

PRODUCT NUMBER SEE TABLE		MARK POSITION NUMBERS AS SHOWN TO LENGTH OF PART. 		MARK TOP, CO. LOGO, CUST P/N REV LEVEL, DATE OF MFG, SECOND & NEXT TO LAST POS ON BOTH SIDES IN WHITE AS SHOWN. 			
MARK POSITION ONE AND CUST. NAME AS SHOWN. 		STYLE D 		STYLE G 			
STYLE A MARK LOGO AND POSITIONS AS SHOWN 		STYLE E MARK POSITIONS AS SHOWN. 		STYLE H MARK CUST P/N & FIRST & LAST POS (1 SIDE ONLY) AS SHOWN 		MARK CAVITIES AS SHOWN. 	
STYLE B MARK ARROW IN WHITE AS SHOWN ON SURFACE OPPOSITE GATE. 		STYLE F MARK CUSTOMERS P/N AND REVISION LEVEL IN AREA SHOWN. 		STYLE J 		STYLE K MARK SECOND CAVITY AS SHOWN. 	
STYLE C		STYLE L					

mat'l. code SEE NOTE 1				surface ASME Y14.5	tolerance ASME Y14.5	projection INCH/MM	product family PV HOUSINGS
ltr	ecn no	dr	date	tolerances unless otherwise specified			title MINI LATCH HOUSING DOUBLE ROW .100 [2.54] CC
BG				angles	$XX \pm .01 / X \pm .3$ $XXX \pm .005 / XX \pm .13$		dwg no 65043
				0' $\pm$ 2'	$XXXX \pm .0020 / XXX \pm .051$		sheet 2 of 11 size A4
				dr	M. CLOUSER 1990-01-31		type Product Customer Drawing
				engr	C. TREXLER 1990-01-31		
				chr	C. TREXLER 1990-01-31		
				appd	C. TREXLER 1990-01-31		
sheet index	revision sheet						

1		2		3		4	
PRODUCT NUMBER SEE TABLE		MARK CHARACTERS AS SHOWN IN WHITE.(ONE SIDE ONLY)		MARK CHARACTERS ONE SIDE ONLY.			
MARK CO. LOGO, CUST P/N AND FIRST & LAST POS PLUS EVERY FOURTH POS IN WHITE AS SHOWN (ONE SIDE ONLY) NOTE: HOUSING WITH 16 POS OR LESS WILL NOT HAVE CO. LOGO INCLUDED.		 STYLE Q		 STYLE U			
MARK CO. LOGO, CUST P/N AND FIRST & LAST POS PLUS EVERY FOURTH POS IN WHITE AS SHOWN (ONE SIDE ONLY) NOTE: HOUSING WITH 16 POS OR LESS WILL NOT HAVE CO. LOGO INCLUDED.		CO. LOGO AND P/N MARKED AS SHOWN. NO CO. P/N ON HOUSING LESS THAN 2 X 8.  STYLE R		NUMBER EVERY OTHER POSITION AND SIDE A AND B AS SHOWN.  STYLE V		MARK POSITION IDENTIFICATION AS SHOWN.  STYLE Y	
MARK CAV IDENTIFICATION APPROX AS SHOWN.(ONE SIDE ONLY)  STYLE N		MARK CHARACTERS IN WHITE AS SHOWN.  STYLE S		MARK POS 1 & 26 CO. LOGO & P/N AS SHOWN SEE NOTE 6.  STYLE W		MARK POSITIONS 1, 2 AND 3 ONLY SEE NOTE 6  STYLE Z	
MARK CAVITY AS SHOWN WITH ARROW.  STYLE O		MARK CHARACTERS AS SHOWN IN WHITE.(ONE SIDE ONLY)  STYLE T		MARK POS 1 & 26 CO. LOGO & P/N AS SHOWN SEE NOTE 6.  STYLE W		MARK POSITIONS 1, 2 AND 3 ONLY SEE NOTE 6  STYLE Z	
MARK CO. LOGO, CUST P/N AND FIRST & LAST POS PLUS EVERY FOURTH POS IN WHITE AS SHOWN (ONE SIDE ONLY) NOTE: HOUSING WITH 16 POS OR LESS WILL NOT HAVE CO. LOGO INCLUDED.		MARK CHARACTERS AS SHOWN IN WHITE.(ONE SIDE ONLY)  STYLE P		MARK POS 1 & 26 CO. LOGO & P/N AS SHOWN SEE NOTE 6.  STYLE W		MARK POSITIONS 1, 2 AND 3 ONLY SEE NOTE 6  STYLE Z	

mat'l. code SEE NOTE 1				surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection INCH/MM		product family PV HOUSINGS	
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles		scale 1:1		title MINI LATCH HOUSING DOUBLE ROW .100 [2.54] CC	
BG				XX*.01/X*.3		0° ± 2'				dwg no	
				XXX*.005/XX*.13		XXXX*.0020/XXX*.051				sheet 3 of 11	
				dr M. CLOUSER 1990-01-31		enr C. TREXLER 1990-01-31				size A4	
				chr C. TREXLER 1990-01-31		appd C. TREXLER 1990-01-31				65043	
sheet index				revision sheet						type Product Customer Drawing	

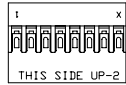
PRODUCT NUMBER SEE TABLE NUMBER TO BE LOCATED IN CENTER OF RESPECTIVE POSITION   STYLE AA	MARK FIRST AND LAST POSITION WITH APPROPRIATE NO. ALL EVEN # POSITIONS ON SAME SIDE OF HOUSING    STYLE AD	NUMBER EVERY OTHER POSITION AND SIDE A AND B AS SHOWN. MARK CHARACTERS IN WHITE.    STYLE AG	MARK "THIS SIDE UP" AND POSITION NUMBERS 13 & 24 AS SHOWN IN .060/1.52 HIGH CHARACTERS.  STYLE AK
MARK ENTIRE SURFACE WHITE   STYLE AB	MARK FIRST AND LAST POSITION WITH APPROPRIATE NO. BOTH SIDES ALL EVEN # POSITIONS ON SAME SIDE OF HOUSING    STYLE AE	MARK NUMBERS IN WHITE.    STYLE AH	MARK FIRST AND LAST POSITION WITH APPROPRIATE NO. ON ONE SIDE, ALSO PRINT "THIS SIDE UP-1" AS SHOWN.  STYLE AL
IDENTIFY POSITIONS 1, 6, 13 WITH WHITE CHARACTERS LOCATED AS SHOWN.  STYLE AC	MARK HOUSING (ONE SIDE ONLY) EVERY SECOND POSITION WITH ODD NUMBERS TO LENGTH OF PART DO NOT MARK END POSITIONS  STYLE AF	MARK FIRST AND LAST POSITION BOTH SIDES AS SHOWN. TO LENGTH OF PART.    STYLE AJ	STYLE AL

mat'l. code SEE NOTE 1				surface ASME Y14.5 ✓		tolerance ASME Y14.5		projection INCH/MM		product family PV HOUSINGS	
ltr	ecr no	dr	date	tolerances unless otherwise specified		angles XX*01/X*3 XXX*005/XXX*13		scale 1:1		title MINI LATCH HOUSING DOUBLE ROW .100 [2.54] CC	
BG				0'±2'		XXXX*0020/XXX*051				dwg no 65043	
				dr M. CLOUSER 1990-01-31						sheet 4 of 11 size A4	
				enrg C. TREXLER 1990-01-31						type Product Customer Drawing	
				chr C. TREXLER 1990-01-31							
				appd C. TREXLER 1990-01-31							
sheet index		revision sheet									

PRODUCT NUMBER

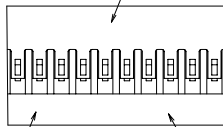
SEE TABLE

MARK FIRST AND LAST POSITION
WITH APPROPRIATE NO. ON ONE
SIDE. ALSO PRINT "THIS
SIDE UP-2" AS SHOWN.



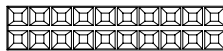
STYLE AM

DATE CODE



CAGE NO.

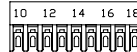
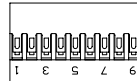
DESC P/N



MARK DESC P/N, CAGE NO.,
DATE CODE IN AREA'S SHOWN.
NOTE 8 & 9

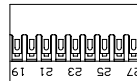
STYLE AN

MARK NUMBERS IN WHITE



STYLE AP

MARK NUMBERS IN WHITE



STYLE AR

mat'l. code SEE NOTE 1				surface ASME Y14.5 ✓	tolerance ASME Y14.5	projection 	product family PV HOUSINGS
ltr	ecr no	dr	date	tolerances unless otherwise specified		INCH/MM 	title MINI LATCH HOUSING DOUBLE ROW .100 [2.54] CC
BG				angles	$.XX \pm .01 / X \pm .3$ $XXX \pm .005 / XX \pm .13$		
				0" ± 2"	XXXX*.0020 / XXX*.051	scale 1:1	dwg no
				dr	M. CLOUSER 1990-01-31		sheet 5 of 11
				engr	C. TREXLER 1990-01-31		size
				chr	C. TREXLER 1990-01-31		A4
				appd	C. TREXLER 1990-01-31		type
sheet index	revision sheet						Product Customer Drawing



PRODUCT NO.	NO OF POS	DIM K	EUROPEAN VERSION-NOTE 12
65043-001LF	2 X 36	3.600/91.44	65043-001ELF
65043-002LF	2 X 35	3.500/88.90	65043-002ELF
65043-003LF	2 X 34	3.400/86.36	65043-003ELF
65043-004LF	2 X 33	3.300/83.82	65043-004ELF
65043-005LF	2 X 32	3.200/81.28	65043-005ELF
65043-006LF	2 X 31	3.100/78.74	65043-006ELF
65043-007LF	2 X 30	3.000/76.20	65043-007ELF
65043-008LF	2 X 29	2.900/73.66	65043-008ELF
65043-009LF	2 X 28	2.800/71.12	65043-009ELF
65043-010LF	2 X 27	2.700/68.58	65043-010ELF
65043-011LF	2 X 26	2.600/66.04	65043-011ELF
65043-012LF	2 X 25	2.500/63.50	65043-012ELF
65043-013LF	2 X 24	2.400/60.96	65043-013ELF
65043-014LF	2 X 23	2.300/58.24	65043-014ELF
65043-015LF	2 X 22	2.200/55.88	65043-015ELF
65043-016LF	2 X 21	2.100/53.34	65043-016ELF
65043-017LF	2 X 20	2.000/50.80	65043-017ELF
65043-018LF	2 X 19	1.900/48.26	65043-018ELF
65043-019LF	2 X 18	1.800/45.72	65043-019ELF
65043-020LF	2 X 17	1.700/43.18	65043-020ELF
65043-021LF	2 X 16	1.600/40.64	65043-021ELF
65043-022LF	2 X 15	1.500/38.10	65043-022ELF
65043-023LF	2 X 14	1.400/35.56	65043-023ELF
65043-024LF	2 X 13	1.300/33.02	65043-024ELF
65043-025LF	2 X 12	1.200/30.48	65043-025ELF
65043-026LF	2 X 11	1.100/27.94	65043-026ELF
65043-027LF	2 X 10	1.000/25.40	65043-027ELF
65043-028LF	2 X 9	.900/22.86	65043-028ELF
65043-029LF	2 X 8	.800/20.32	65043-029ELF
65043-030LF	2 X 7	.700/17.78	65043-030ELF
65043-031LF	2 X 6	.600/15.24	65043-031ELF
65043-032LF	2 X 5	.500/12.70	65043-032ELF
65043-033LF	2 X 4	.400/10.16	65043-033ELF
65043-034LF	2 X 3	.300/7.62	65043-034ELF
65043-035LF	2 X 2	.200/5.08	65043-035ELF

mat'l. code	surface	tolerance	projection	product family
SEE NOTE 1	ASME Y14.5	ASME Y14.5		PV HOUSINGS
ltr	ecn no	dr	date	title
BG				MINI LATCH HOUSING
				DOUBLE ROW .100 [2.54] CC
				dwg no
				sheet 6 of 11
				size
				A4
				type
				Product Customer Drawing
sheet index	revision sheet			